
Product Data Sheet

Product Name: TBC1D22B Human

Cat. No.: GP24783

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TBC1 Domain Family; Member 22B; C6orf197; Chromosome 6Open Reading Frame 197; TBC1 Domain Family Member22B; TBC1 domain family member 22B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAENSK QFWKRS AKLP GSIQPVYGAQ HPPLDPRLTK NFIKERSKVNTVPLKNKKAS SFHEFARNTS DAWDIGDDEE EDFSSPSFQT LNSKVALATA AQVLENH SKL RVK PERSQSTTSDVPANYKV IKSSSDAQLS RNSSDTCLRN PLHKQQSLPL RPIIPLVARI SDQNASGAPP MTVREKTRLEKFRQLLSSQN TDLDELKCS WPGVPREVRP ITWRLLSGYL PANTERRKLT LQRKREEYFG FIEQYYDSRNEEHHQD TYRQ IHIDIPTNP LIPLFQQPLV QEIFERILFI WAIRHPASGY VQGINDLVTP FFVVFLSEYVEEDVENFDVT NLSQDMLRSI EADSFWCMSK LLDGIQDNYT FAQPGIQKKV KALEELVSRI DEQVHNHFRRYEVEYLQFAF RWMNLLMRE LPLRCTIRLW DTYQSEPEGF SHFHLYVCAA FLIKWRKEIL DEEDFQGLLMLLQNLPTIHW GNEEIGLLLA EAYRLKYMFA DAPNHYRR.		
Formulation	TBC1D22B protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4) 30% glycerol and 1mM DTT.		

Introduction

TBC1 domain family member 22B, also known as TBC1D22B acts as a GTPase-activating protein for Rab family protein. The Tre-2/Bub2/Cdc16 (TBC) domain is a conserved protein motif which consists of roughly 200 amino acids and functions as a specific Rab-GAP domain. The TBC domain has more than 40 distinct TBC domain-containing proteins which have been identified in humans.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

TBC1D22B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 528 amino acids (1-505 a.a) and having a molecular mass of 61.5kDa. TBC1D22B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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